

: US-10-578-672A-10
Perfect score: 397
Sequence: 1 gggccagggatgatatgaa.....gttccagagcctagcccct 397

RESULT 15
ABV95296/c
ID ABV95296 standard; cDNA; 449 BP.
XX
AC ABV95296;
XX
DT 14-JAN-2003 (first entry)
XX
DE Human pancreatic cancer expressed cDNA SEQ ID NO 704.
XX
KW Human; pancreas; cancer; gene therapy; vaccine; immunostimulant;
KW cytostatic; tumour; gene; ss.
XX
OS Homo sapiens.
XX
PN WO200260317-A2.
XX
PD 08-AUG-2002.
XX
PF 30-JAN-2002; 2002WO-US002781.
XX
PR 30-JAN-2001; 2001US-0265305P.
PR 31-JAN-2001; 2001US-0265682P.
PR 09-FEB-2001; 2001US-0267568P.
PR 21-MAR-2001; 2001US-0278651P.
PR 28-APR-2001; 2001US-0287112P.
PR 16-MAY-2001; 2001US-0291631P.
PR 12-JUL-2001; 2001US-0305484P.
PR 20-AUG-2001; 2001US-0313999P.
PR 27-NOV-2001; 2001US-0333626P.
XX
PA (CORI-) CORIXA CORP.
XX
PI Benson DR, Kalos MD, Lodes MJ, Persing DH, Hepler WT, Jiang Y;
XX
DR WPI; 2002-627435/67.
XX
PT New isolated polynucleotide and pancreatic tumor polypeptides, useful for
PT diagnosing, preventing and/or treating cancer, particularly pancreatic
PT cancer.
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PS Claim 1; SEQ ID NO 704; 300pp + Sequence Listing; English.
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CC The invention relates to an isolated polynucleotide (I) comprising: (a)
CC any of a group of over 4000 nucleotide sequences (ABV94628-ABV99145); (b)
CC complements of (a); (c) sequences consisting of at least 20 contiguous
CC residues of (a); (d) sequences that hybridize to (a), under moderately
CC stringent conditions; (e) sequences having at least 75% or 90% identity
CC to (a); or (f) degenerate variants of (a). Polypeptides (ABP68596-
CC ABP68637) encoded by (I) and oligonucleotide can be used to detect cancer
CC in a patient and compositions comprising polypeptides, polynucleotides,
CC antibodies, fusion proteins, T cell populations and antigen presenting
CC cells expressing the polypeptide are useful in treating pancreatic cancer
CC and stimulating an immune response. The polynucleotides can be used as
CC probes or primers for nucleic acid hybridisation, in the design and
CC preparation of ribozyme molecules for inhibiting expression of the tumour
CC polypeptides and proteins in the tumour cells, in vaccines and for gene
CC therapy. Note: The sequence data for this patent did not form part of the
CC printed specification, but was obtained in electronic format directly
CC from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 449 BP; 143 A; 91 C; 89 G; 125 T; 0 U; 1 Other;

Query Match 53.5%; Score 212.4; DB 6; Length 449;
Best Local Similarity 97.0%; Pred. No. 4.7e-38;
Matches 227; Conservative 0; Mismatches 6; Indels 1; Gaps 1;

Qy 2 GCCCAGGGGATGATATGAATGTCACAGGAGGAGACACCTCTGTCTTCAAGAAA 61
|||
Db 233 GGTGGGGGGATGATATGAATGTCACAGGAGGAGACACCTCTGTCTTCAAGAAA 174

Qy 62 GTTGATGTGCCATTGTTAATATAACAAGAGAAATATTGAAAATATATTGAAAAGAGCAAT 121
|
Db 173 G-TGATGTGCCATTGTTAATATAACAAGAGAAATATTGAAAATATATTGAAAAGAGCAAT 115

Qy 122 TTTAAATTATTTGGCTTATGTTGCAATATTATTTCTGTATTAGAAAGATTCCTT 181
|||
Db 114 TTTAAATTATTTGGCTTATGTTGCAATATTATTTCTGTATTAGAAAAGATTCCTT 55

Qy 182 TGTAGAAAAAAATGTATTTCATTAACGCAAAACCTATTCTCCTTTGT 235
|||
Db 54 TGTAGAGAAAAAAATGTATTTCATTAACGCAAAGACCTATTCTCCTTTGT 1